



**Canyon Fuel  
Company, LLC**

A Subsidiary of Bowie Resource Holdings, LLC

**Fossil Rock Mine**

Rick Parkins  
General Manager  
225 North 5<sup>th</sup> Street, Suite 900  
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(970)263-5130

September 23, 2016

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, UT 84114-5801

Re: 2nd Quarter Pond and Waste Rock Inspections for 2015, Fossil Rock Mine

Dear Sirs:

Please find enclosed with this letter the 2nd Quarter inspections of the ponds and waste rock site for 2015 at the Fossil Rock Mine per a request associated with the 2015 Annual Report.

It needs to be understood by the Division personnel that at the time this information was gathered, the property did not belong to Bowie Resources and the inspector was at the site for a different purpose. Fortunately photos were taken at the time of the site visit and could be evaluated sufficiently to prepare an inspection report.

If you have questions or need addition information please contact Vicky Miller at (435)286-4481.

CANYON FUEL COMPANY, Fossil Rock Mine

Rick Parkins  
General Manager

Encl.

cc: DOGM Correspondence File

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## Annual Report

This Annual Report shows information the Division has for your mine. Submit the completed document and any additional information identified in the Appendices to the Division by the date specified in the cover letter. During a complete inspection an inspector will check and verify the information.

### GENERAL INFORMATION

Company Name	<input type="text" value="Fossil Rock Resources, LLC"/>	Mine Name	<input type="text" value="Fossil Rock"/>
Permit Number	<input type="text" value="C/015/0009"/>	Permit expiration Date	<input type="text" value="2020-02-21"/>
Operator Name	<input type="text" value="Fossil Rock Resources/Canyon Fuel Company, LLC"/>	Phone Number	<input type="text" value="+1 (435) 286-4880"/>
Mailing Address	<input type="text" value="597 South SR24"/>	Email	<input type="text" value="vmiller@bowieresources.com"/>
City	<input type="text"/>		
State	<input type="text" value="Utah"/>	Zip Code	<input type="text" value="84654"/>

### DOGM File Location or Annual Report Location

Excess Spoil Piles

☐ Required☒ Not Required

Refuse Piles

☒ Required☐ Not Required

Impoundments

☒ Required☐ Not Required

Other:

3rd & 4th Quarter Inspections submitted to DOGM on January 4, 2016.  
Mine purchased by Fossil Rock from PacifiCorp in June 2015. See note.

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### OPERATOR COMMENTS

1st and 2nd Quarter Inspections are assumed to be on file with DOGM having been submitted by PacifiCorp.

### REVIEWER COMMENTS

☐

Met Requirements

☒

Did Not meet Requirements

The Fossil Rock mine was transferred from Trail Mountain to Fossil Rock Resources in 10/8/15. The Permittee submitted an application to add the old Cottonwood/Wilberg waste rock site to the Fossil Rock Mine (task #4790) and was approved on 5-20-15 by the Division. The waste rock pile inspections and PE certification are required for the 2015 Annual Report. The current owner of the Mine, Canyon Fuel Company, completed the third and fourth quarter refuse and pond inspections. The first pond and refuse inspection was completed by PacificCorp on 3/12/15. The total site storage capacity of the site is 784,000 cubic yards (36% of capacity). Trail Mountain ceased operations and will no longer haul material to the site. Vicky Miller, a employee of Canyon Fuel, completed the third and fourth quarter inspections on 9/16/15 and 12/9/15 and found both the pond and refuse pile to be in a stable condition. The waste rock site did not receive any fill and remained at 36% of total capacity. The pond was dry for the September inspection and only had one foot of water

during the December inspection. The Division does not have the second quarter pond and refuse inspection reports on files and the Permittee will submit a copy to the Division for record keeping. (CP)

Fossil Rock Resources, LLC - Fossil Rock Mine

Waste Rock Sediment Pond Quarterly Inspection Report

Inspector Vicky Miller Date May 27, 2015

1. **Dam Structural Weakness** Action Required

A. Cracks or scarps on crest \_\_ Yes X No

None Observed

B. Cracks or scarps on slope \_\_ Yes X No

None Observed

C. Sloughing or bulging on slope \_\_ Yes X No

None Observed

2. Major Erosion Problems \_\_ Yes X No

None Observed

3. Surface Movements of Surrounding Slopes \_\_ Yes X No

Not Observed

4. Visible Sumps or Sinkholes in Slurry Surface \_\_ Yes X No

None Observed

5. **Clogging**

A. Spillway channels and pipes \_\_ Yes X No

Appeared to be operational.

B. Decant System \_\_ Yes X No

Appeared to be operational.

C. Diversion ditches \_\_ Yes X No

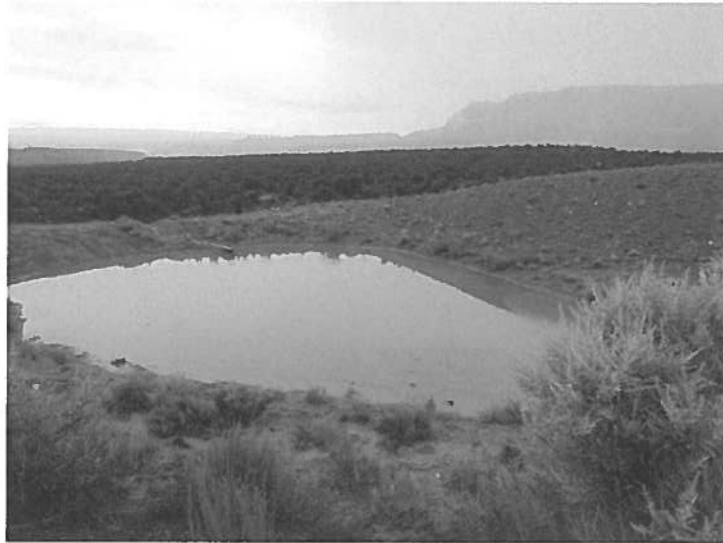
Appeared to be functioning as designed.

6. Seepage (Specify Location, Color and Approx. Volume)      ☐ Yes ☒ No

7. Any appearance of instability, structural weakness, or  
other hazardous conditions      ☐ Yes ☒ No

8. Other Comments

The previous owner of this operations neglected to do inspection for this quarter. This inspection report is being prepared from photographs and memory. The preparer was at the site for a different purpose and did not intentionally inspect this site.



Fossil Rock Resources, LLC - Fossil Rock Mine

Minesite Primary Sediment Pond Quarterly Inspection Report

Inspector Vicky Miller Date May 27, 2015

1. **Dam Structural Weakness** Action Required

A. Cracks or scarps on crest \_\_ Yes X No

None Observed

B. Cracks or scarps on slope \_\_ Yes X No

None Observed

C. Sloughing or bulging on slope \_\_ Yes X No

None Observed

2. Major Erosion Problems \_\_ Yes X No

None Observed

3. Surface Movements of Surrounding Slopes \_\_ Yes X No

Not Observed

4. **Clogging**

A. Spillway channels and pipes \_\_ Yes X No

Appeared to be operational.

B. Decant System \_\_ Yes X No

Appeared to be operational.

C. Diversion ditches \_\_ Yes X No

Appeared to be functioning as designed.

5. Seepage (Specify Location, Color and Approx. Volume) \_\_ Yes X No

Pond was not discharging at the time of site visit.

6. Any appearance of instability, structural weakness, or

other hazardous conditions \_\_ Yes X No

## 7. Other Comments

The previous owner of this operations neglected to do inspection for this quarter. This inspection report is being prepared from photographs and memory. The preparer was at the site for a different purpose and did not intentionally inspect this site.



E:\C Drive\Trail Mountain\Inspections\2015\SEDPOND 2QTR Rev.wpd

Fossil Rock Resources, LLC - Fossil Rock Mine  
Coal Refuse Pile Quarterly Inspection Report

Inspector Vicky Miller Title Environmental Engineer

Date May 27, 2015

**The previous owner of this operations neglected to do inspection for this quarter. This inspection report is being prepared from photographs and memory. The preparer was at the site for a different purpose and did not intentionally inspect this site.**

1. Foundation Preparation (vegetation, topsoil removal?)

Foundation had been prepared many years prior to this inspection, the assumption if that it was prepared as designed.

2. Lift Thickness (inches) 24 inches It appears that no refuse material has been placed in many years.

3. Compaction ☒ Yes ☐ No

4. Burning (specify extent and location) ☐ Yes ☒ No

5. Angle of Slope 2.5H to 1 V

6. Seepage (specify location, color, & appr. volume) None observed

7. Cracks or Scarps (location and size)

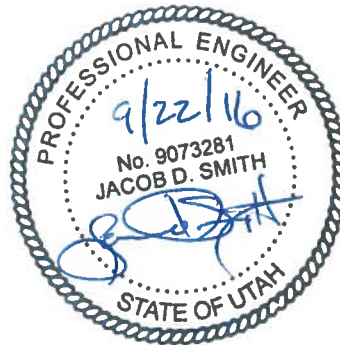
None observed

8. Major Erosion Problems (location and extent) ☐ Yes ☒ No

9. Water Impounding Against Toe ☐ Yes ☒ No

10. Any appearance of instability, structural weakness or other hazardous conditions.

Nothing observed.



Jacob D. Smith, P.E.